

Iowa Crops & Weather



Iowa Agricultural Statistics
210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
To access NASS reports - <http://www.usda.gov/nass/>



Issued September 7, 2004

Vol. 04-27

For the week ending September 5, 2004

Spotty Rains

Agricultural Summary: Reporters across the top third of Iowa indicate conditions are still very dry with pastures and crops starting to show moisture stress. Heat units are still needed across the state to help mature the corn and soybean crops. There were scattered reports of soybeans turning prematurely due to white mold and other diseases. Producers in the middle to lower third of the state reported some storm damage from hail and winds.

There were 6.0 **days suitable for fieldwork** this week in Iowa. **Topsoil moisture** rated 5 percent very short, 14 percent short, 73 percent adequate, and 8 percent surplus. **Subsoil moisture** rated 4 percent very short, 16 percent short, 74 percent adequate, and 6 percent surplus.

Field Crops Report: The **corn acreage in or past dough stage** was 90 percent, behind last year's progress of 94 percent and 5 days behind the 5-year average of 95 percent dough stage. The **corn acreage in or past dent stage** was 63 percent, trailing last year's progress of 75 percent and the 5-year average of 80 percent dent at this time. Iowa's **corn acreage in mature stage** was 9 percent, 5 days behind last year 22 percent, and 7 days behind the 5-year average of 26 percent. **Corn condition** was rated 2 percent very poor, 7 percent poor, 21 percent fair, 49 percent good, and 21 percent excellent. The **soybean acreage with leaves turning color** was 39 percent, slightly ahead of both last year's progress and the 5-year average of 36 percent. The **soybean acreage dropping leaves** was 8 percent, compared with last year's progress of 10 percent and the 5-year average of 9 percent dropping leaves. **Soybean condition** was rated 3 percent very poor, 8 percent poor, 24 percent fair, 48 percent good, and 17 percent excellent. The **third cutting of alfalfa hay** was 79 percent complete, behind both last year's progress of 84 percent and the 5-year average of 81 percent complete. **Hay**

condition rated 1 percent very poor, 4 percent poor, 23 percent fair, 56 percent good, and 16 percent excellent.

Livestock, Pasture, and Range Report: With the moderate temperatures it was another good week for livestock, although there were some reports of pinkeye in calves and an increase in flies. **Pasture and range condition** was rated 3 percent very poor, 11 percent poor, 19 percent fair, 50 percent good, and 17 percent excellent.

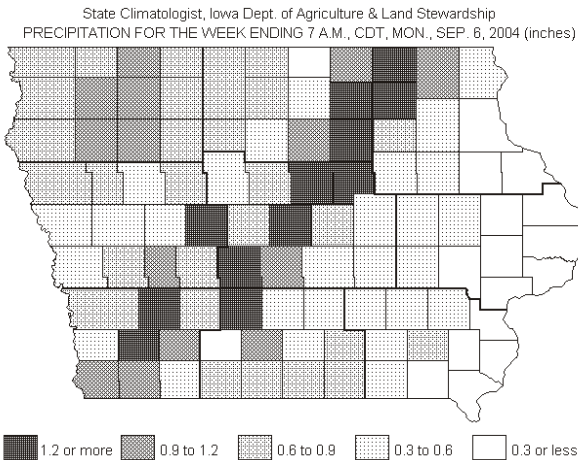
Iowa Weather Summary

The past work week began with temperatures averaging slightly cooler than normal on Monday (30th) with morning lows mainly in the 50's. However, above normal temperatures were the rule for the remainder of the week with highs in the 80's in most areas. Temperatures for the week as a whole averaged 3.9 degrees above normal. Temperatures also averaged slightly warmer than usual for the last week of August making this the first time since April that Iowa has experienced consecutive weeks with above normal temperatures. Temperature extremes for the week ranged from a Tuesday (31st) morning low of 48 degrees at Cresco to a Wednesday (1st) afternoon high of 94 degrees at Mapleton.

Sunny weather prevailed for most of the past week. However, an area of thunderstorms crossed the northwest one-third of Iowa on Tuesday (31st) morning while most of the state experienced thunderstorms on Sunday (5th). Sunday's storms brought locally heavy rain as well as reports of tornadoes from six counties. Rainfall totals for the week varied from none at a few extreme eastern Iowa locations such as Dubuque, Clinton and Burlington up to 2.78 inches at Ames. The statewide average precipitation was 0.66 inches or three-fourths of the weekly normal of 0.88 inches.

Statewide Crop Conditions as of September 5, 2004

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	7	21	49	21
Hay, all	1	4	23	56	16
Range & Pasture	3	11	19	50	17
Soybeans	3	8	24	48	17



Field Work and Crop Progress as of September 5, 2004

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn in or past dough stage	88	87	91	90	93	93	86	89	96	90	81	94	95
Corn in or past dent stage	51	47	61	59	75	76	76	68	77	63	39	75	80
Corn mature (safe from frost)	0	3	4	9	10	12	15	22	26	9	2	22	26
Soybean leaves turning color	35	44	24	35	44	49	44	32	42	39	10	36	36
Soybeans dropping leaves	6	6	7	4	11	15	9	7	16	8	1	10	9
Hay, alfalfa - third crop harvested	99	81	73	93	90	93	94	57	84	79	72	84	81

Days Suitable & Soil Moisture Condition as of September 5, 2004

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Days suitable	5.7	6.1	6.2	6.1	6.2	6.2	6.3	4.2	5.7	6.0	4.4	6.8
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	10	12	0	18	0	1	2	0	1	5	4	67
Short	32	20	14	23	12	7	4	2	5	14	15	29
Adequate	57	63	82	57	70	89	93	75	83	73	67	4
Surplus	1	5	4	2	18	3	1	23	11	8	14	0
Subsoil moisture												
Very short	6	14	2	13	0	0	1	0	2	4	4	56
Short	27	18	19	22	7	17	10	1	17	16	16	37
Adequate	67	66	74	63	77	80	88	81	75	74	71	7
Surplus	0	2	5	2	16	3	1	18	6	6	9	0

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, September 5, 2004										
STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	86	50	70	7	0.21	-0.63	18.41	0.44	140	44
Sioux Center	89	48	72	6	0.82	0.05	16.98	-0.75	158	44
Spencer	91	48	73	9	0.17	-0.67	14.71	-4.16	163	58
Spirit Lake	90	53	73	9	0.76	-0.08	17.62	-0.27	161	29
North Central District										
Britt	85	49	69	4	0.08	-0.76	21.44	1.87	137	23
Humboldt	85	51	70	4	0.15	-0.76	18.92	-1.28	140	28
Mason City	86	49	69	5	0.04	-0.94	32.97	12.24	137	34
Northwood	84	51	67	3	0.14	-0.85	30.88	10.76	122	21
North East District										
Decorah	87	50	71	6	0.01	-0.97	32.62	12.34	151	37
Dubuque	83	53	69	5	0.01	-1.18	16.52	-5.21	138	31
Elkader	84	51	69	4	0.00	-0.91	25.67	5.47	134	1
Independence	85	49	69	4	0.00	-0.98	26.88	5.24	134	3
Waterloo	86	50	71	6	0.06	-0.78	18.53	-2.42	148	38
West Central District										
Audubon	85	47	68	0	0.20	-0.71	24.85	4.70	129	1
Carroll	89	47	71	6	0.19	-0.68	17.57	-3.79	152	38
Castana	90	54	73	6	0.17	-0.69	12.82	-6.05	163	50
Guthrie Center	89	50	70	4	0.25	-0.73	24.46	3.52	145	24
Harlan	87	55	72	4	0.00	-1.06	21.19	1.16	153	41
Jefferson	90	51	71	5	0.06	-0.81	23.31	1.95	151	37
Logan	90	50	72	5	0.00	-0.87	18.87	-0.62	157	30
Rockwell City	90	51	70	3	0.03	-0.88	24.29	3.95	142	21
Sioux City	93	52	74	7	0.02	-0.68	13.73	-2.76	173	49
Central District										
Ames	87	55	72	6	0.17	-0.73	24.84	2.57	152	42
Boone	89	54	71	5	0.00	-0.91	22.21	0.67	149	31
Des Moines	87	58	73	4	0.14	-0.77	23.23	3.09	161	28
Eldora	88	55	71	5	0.00	-0.84	22.27	0.75	146	34
Marshalltown	86	53	71	6	0.06	-0.93	21.87	0.21	149	40
Newton	88	55	71	4	0.00	-0.98	23.89	3.47	146	22
Perry	88	53	71	5	0.12	-0.73	22.56	2.07	148	36
Toledo	86	51	69	3	0.00	-0.97	18.90	-3.00	132	21
East Central District										
Cedar Rapids	84	52	70	3	0.02	-0.96	21.30	0.99	138	19
Davenport	84	53	70	2	0.00	-0.88	21.10	1.03	140	8
Iowa City	86	52	70	0	0.03	-0.95	22.88	0.56	141	2
Lowden	85	49	68	3	0.00	-1.05	23.83	1.34	131	12
Maquoketa	84	50	67	2	0.00	-1.05	21.18	0.73	123	13
Muscatine	85	52	70	1	0.00	-0.91	21.34	0.49	142	33
South West District										
Clarinda	85	51	70	3	0.00	-1.06	22.67	-0.19	142	16
Glenwood	90	51	73	5	0.21	-0.73	18.29	-2.52	163	30
Oakland	88	49	72	5	0.00	-0.98	23.58	3.32	152	36
Red Oak	87	52	71	2	0.00	-1.06	19.22	-3.32	149	11
Sidney	87	56	72	4	0.00	-0.98	20.56	-0.85	158	23
South Central District										
Allerton	83	55	69	2	0.09	-0.98	28.85	7.46	136	43
Beaconsfield	83	51	69	1	0.00	-1.01	26.53	5.79	132	8
Chariton	84	51	69	2	0.00	-1.13	23.97	2.20	134	10
Indianola	86	53	70	3	0.08	-0.83	24.26	3.50	144	22
Leon	84	52	68	0	0.05	-1.00	29.13	7.45	131	5
South East District										
Bloomfield	85	53	70	1	0.00	-1.12	28.47	6.70	143	7
Burlington	88	54	72	3	0.03	-0.94	17.19	-3.00	158	24
Ottumwa	85	53	70	1	0.03	-0.96	21.83	1.70	144	9

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2004: AWIS, Inc. All Rights Reserved.